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25559 7590 05/19/2005

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**Tristan A. Fuierer** (Depositor's name)  
 (Signature)  
**August 5, 2005** (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10684,545	10/14/2003	Tianju Chen	ATMI-676	5627

**TITLE OF INVENTION: TANTALUM AMIDE COMPLEXES FOR DEPOSITING TANTALUM-CONTAINING FILMS, AND METHOD OF MAKING SAME**

APPL. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
provisional	NO	\$1400	\$300	\$1700	08/19/2005
EXAMINER	ART UNIT	CLASS-SUBCLASS			
NAZARIO GONZALEZ, PORFIRIO	1621	556-042000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev. 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

**Tristan A. Fuierer**

**Margaret Chappuis**

**John Boyd**

**3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)**

**PLEASE NOTE:** Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

**Advanced Technology Materials, Inc., Danbury, CT, USA**

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☒ Issue Fee

☒ Publication Fee (No small entity discount permitted)

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☒ The Director is hereby authorized by 08-3284 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

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Authorized Signature: \_\_\_\_\_

Date **August 5, 2005**

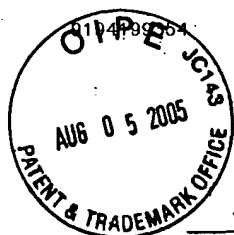
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**Steven J. Hultquist**

Registration No. **28,021**

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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## PATENT APPLICATION

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>In re United States Patent Application of:</b>	)	<b>Docket No.:</b>	<b>2771-676 (7486)</b>
<b>Applicants:</b>	)	<b>Conf. No.:</b>	<b>5627</b>
<b>Application No.:</b>	)	<b>Art Unit:</b>	<b>1621</b>
<b>Date Filed:</b>	)	<b>Examiner:</b>	<b>NAZARIO-GONZALEZ, Porfirio</b>
<b>Title:</b>	)	<b>Customer No.:</b>	<b>25559</b>
<b>TANTALUM AMIDE COMPLEXES FOR DEPOSITING TANTALUM-CONTAINING FILMS, AND METHOD OF MAKING SAME</b>	)		

**FACSIMILE TRANSMISSION CERTIFICATE****Mail Stop ISSUE FEE****Fax No. (703) 746-4000**

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Number of Pages

Tristan A. Fuierer

August 5, 2005

Date

**SUBMISSION OF ISSUE FEE TRANSMITTAL IN U.S. PATENT APPLICATION NO.  
10/684,545**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

## PATENT APPLICATION

Enclosed is the Issue Fee Transmittal, along with a Credit Card Form to the Commissioner for Patents authorizing the amount of \$1700.00 for the issue fee, in response to the Notice of Allowance dated May 19, 2005 in the above-identified patent application. The Commissioner is requested to charge any deficiency or credit any overpayment to Deposit Account No. 08-3284 of Intellectual Property/Technology Law.

Respectfully submitted,



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Tristan Anne Fuierer  
Reg. No. 52,926  
Attorney for Applicants

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